



Docket No. LAI 21-8 *Car/2642*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): **Yhean-Sen Lai and Kannan Rajamani**

APPLICATION NO. **10/016,438**

EXAMINER: N/A

FILED: **December 10, 2001**

GROUP ART UNIT: 2642

TITLE: **EFFICIENT PCM MODEM**

RECEIVED

* * * * *

MAR 05 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence, along with any papers indicated as being enclosed, are being deposited as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on February 14, 2002.

Technology Center 2600

February 14, 2002
Date

Rita C. Clancy
Rita C. Clancy

* * * * *

Commissioner for Patents
Washington, D.C. 20231

RECEIVED
MAR -14 2002
TC 2600 MAIL ROOM

Information Disclosure Statement
Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98

Sir:

Pursuant to Applicants' duty of disclosure set forth in 37 CFR §§1.56, 1.97 and 1.98, the following information is disclosed to aid the Examiner in his or her examination of the application. The inclusion of information in this Disclosure Statement and as set forth on the attached Forms PTO-1449 is not necessarily a concession that such information is prior art to the present invention or that such information is in an art area analogous to the present invention. Copies of the publications listed on the attached Forms PTO-1449 are submitted herewith.

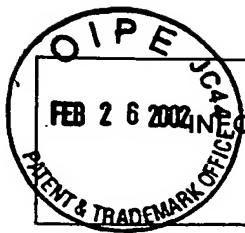
It is respectfully requested that the Examiner initial Forms PTO-1449 and return a copy of same upon consideration of these publications.

Since this Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits, no fee or certification is required.

Respectfully submitted,

Date 2/14/02

Stephen J. Weed
Stephen J. Weed
Reg. No. 45,202
Synnestvedt & Lechner LLP
2600 Aramark Tower
1101 Market Street
Philadelphia, PA 19107-2950
(215) 923-4466

INFORMATION DISCLOSURE
STATEMENT

Case No. LAI 21-8
Serial No. 10/016,438
Applicant: Lai et al.
Filing Date: December 10, 2001
Group: 2642

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	4,866,647	09/12/1989	Farrow	364	724.1	02/04/1998
	AB	6,240,128	05/29/2001	Banerjea et al.	375	222	06/11/1998
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

MAR 05 2002

Technology Center 2600

TC 2600 MAIL ROOM

MAR - 1 2002

RECEIVED

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AR	J. Cioffi and J. Bingham, "A Data Multitone Echo Canceller", IEEE Transaction on Communications, Vol. 42, No. 10, October 1994, pages 2853-2869
	AS	R. Schafer and L. Rabiner, "A Digital Signal Processing Approach to Interpolation", Proceedings of the IEE, Vol. 61, No. 6, June 1973, pages 692-702
	AT	
	AU	
	AV	

EXAMINER

DATE CONSIDERED

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.